

FIG. 1

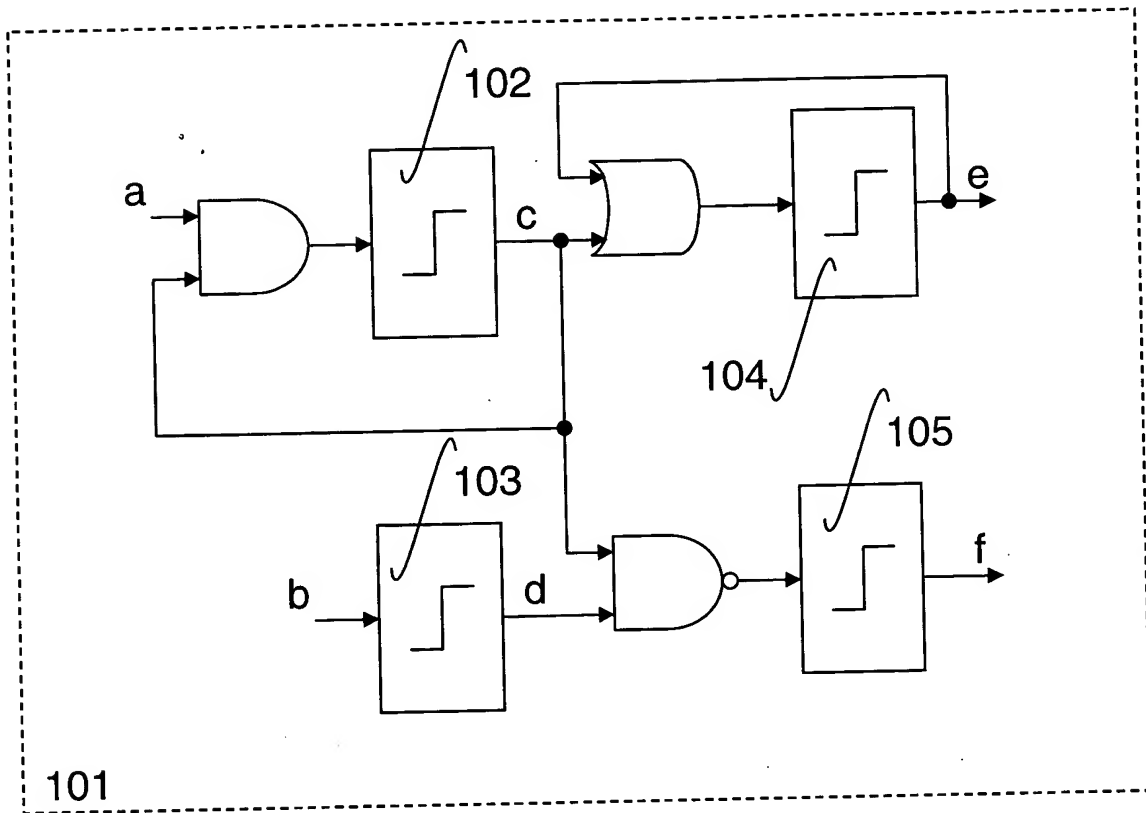


FIG. 2a

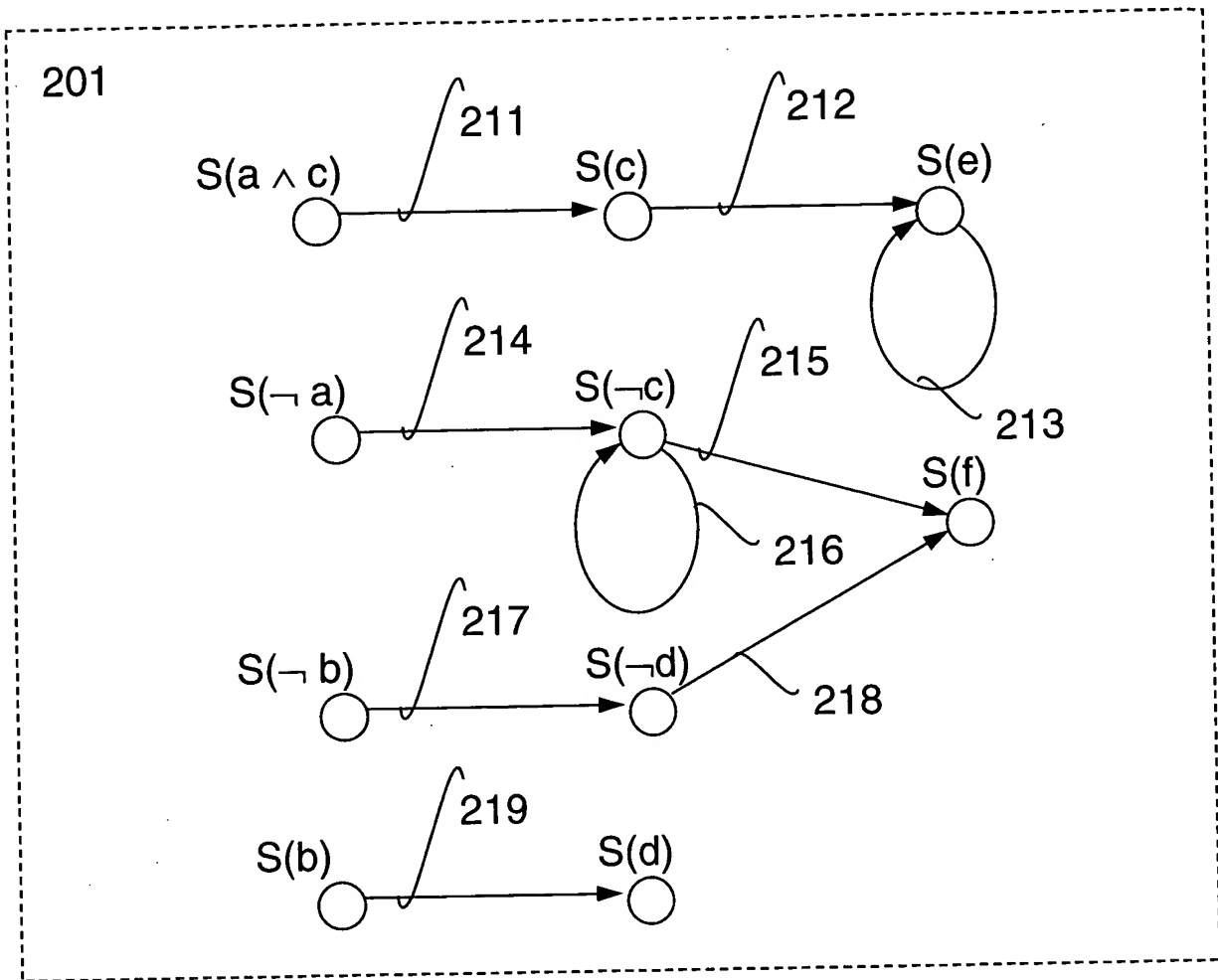


FIG. 2b

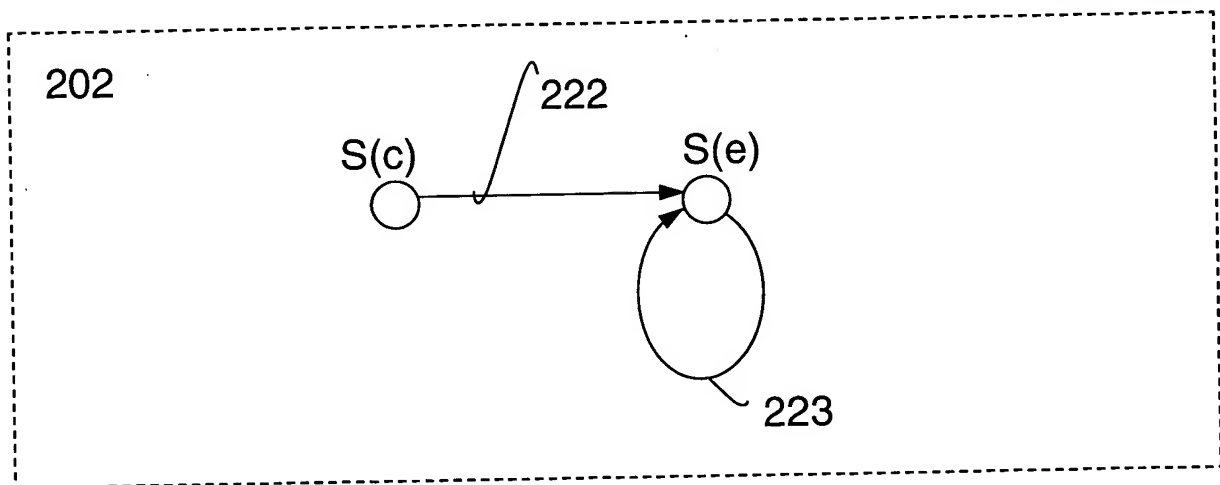


FIG. 3a

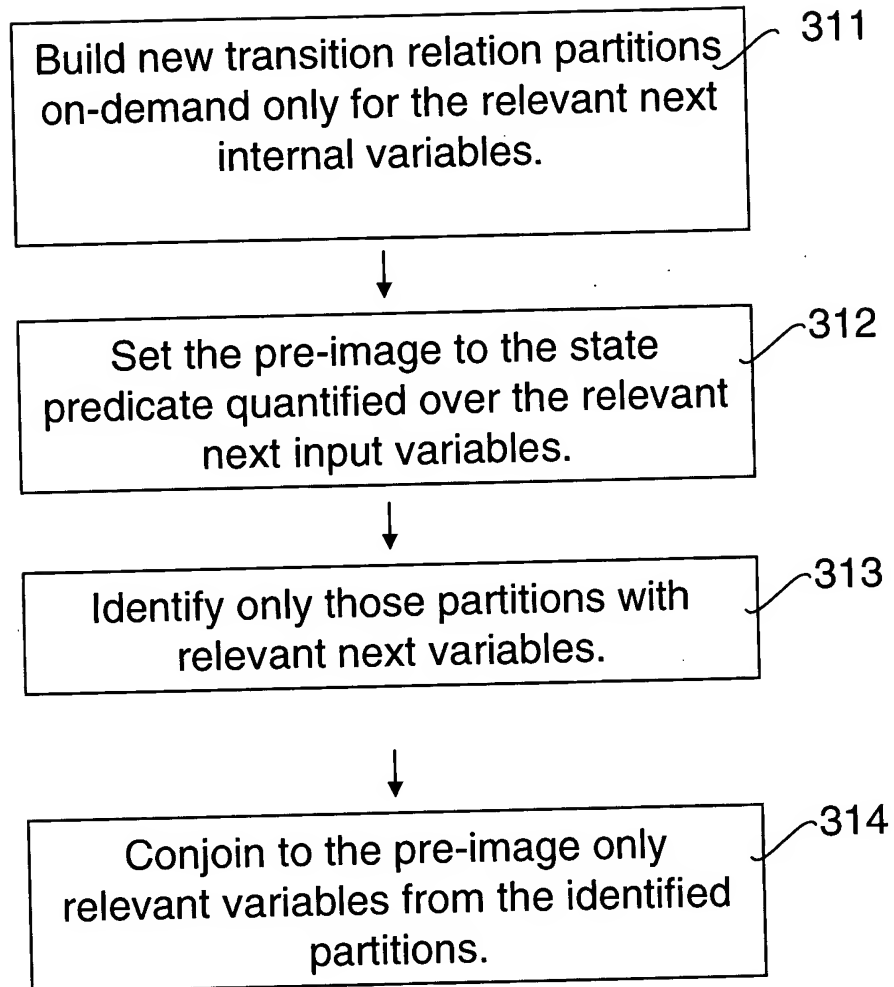


FIG. 3b

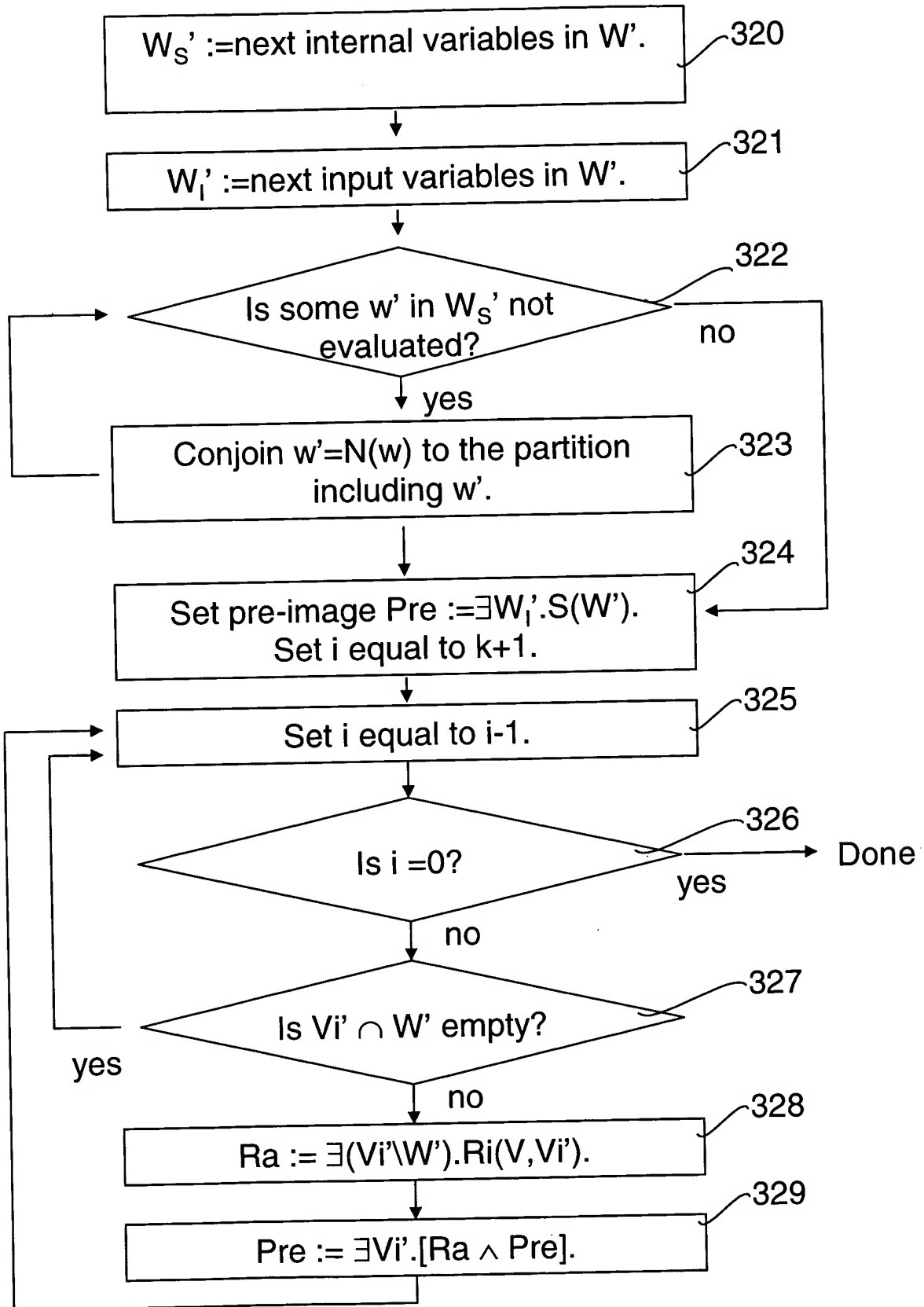


FIG. 4a

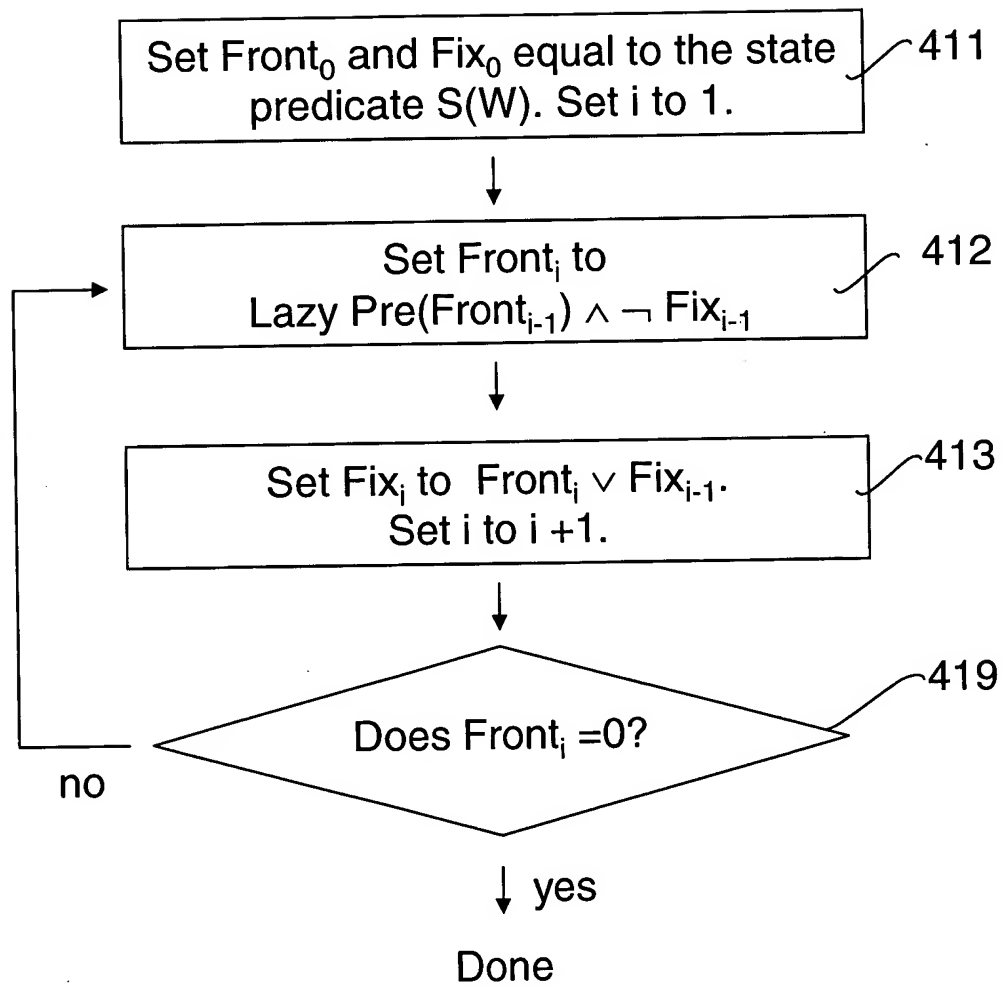


FIG. 4b

# of transitions	Front	Transition Relation	Lazy Pre-image	Fixpoint
0	e	[]		e 420
1	c AND NOT e	[N(e)= e OR c]	e OR c	e OR c 421
2	\emptyset	[N(e)= e OR c N(c)= c AND a]	(c AND a) AND NOT (e OR c)	e OR c 422

FIG. 5a

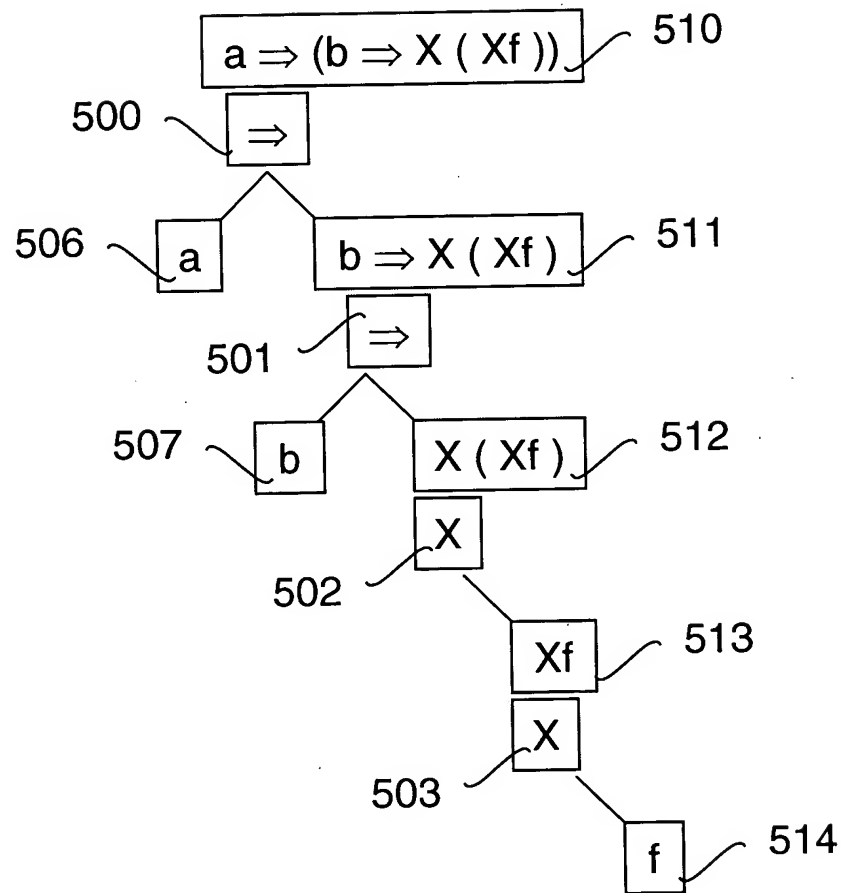


FIG. 5b

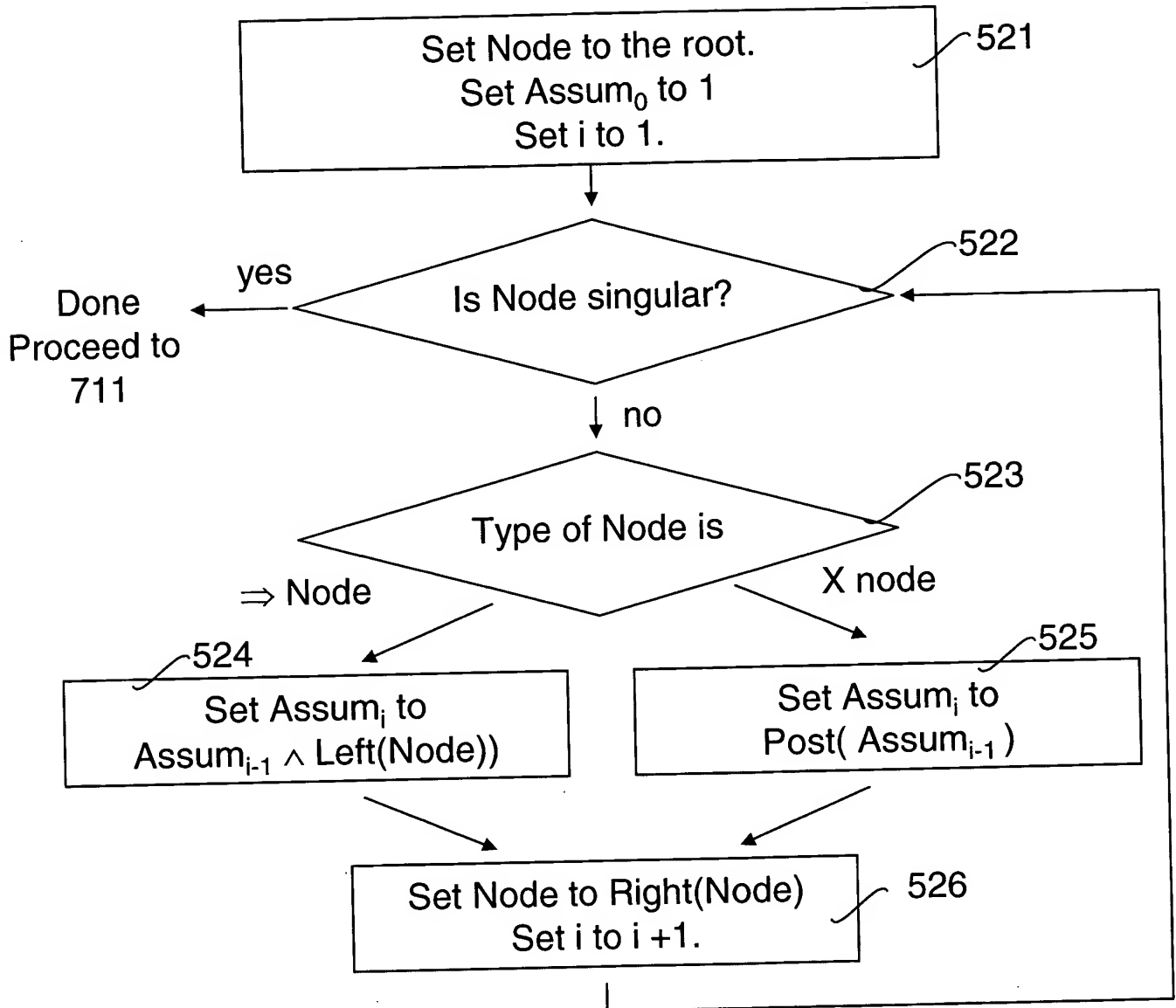


FIG. 5c

Iteration	Assumption	Sub-property
0	1 540	$a \Rightarrow (b \Rightarrow X(Xf))$ 530
1	a 541	$b \Rightarrow X(Xf)$ 531
2	$a \wedge b$ 542	$X(Xf)$ 532
3	$\text{Post}(a \wedge b) = d$ 543	Xf 533
4	$\text{Post}(\text{Post}(a \wedge b)) = 1$ 544	f 534

FIG. 6a

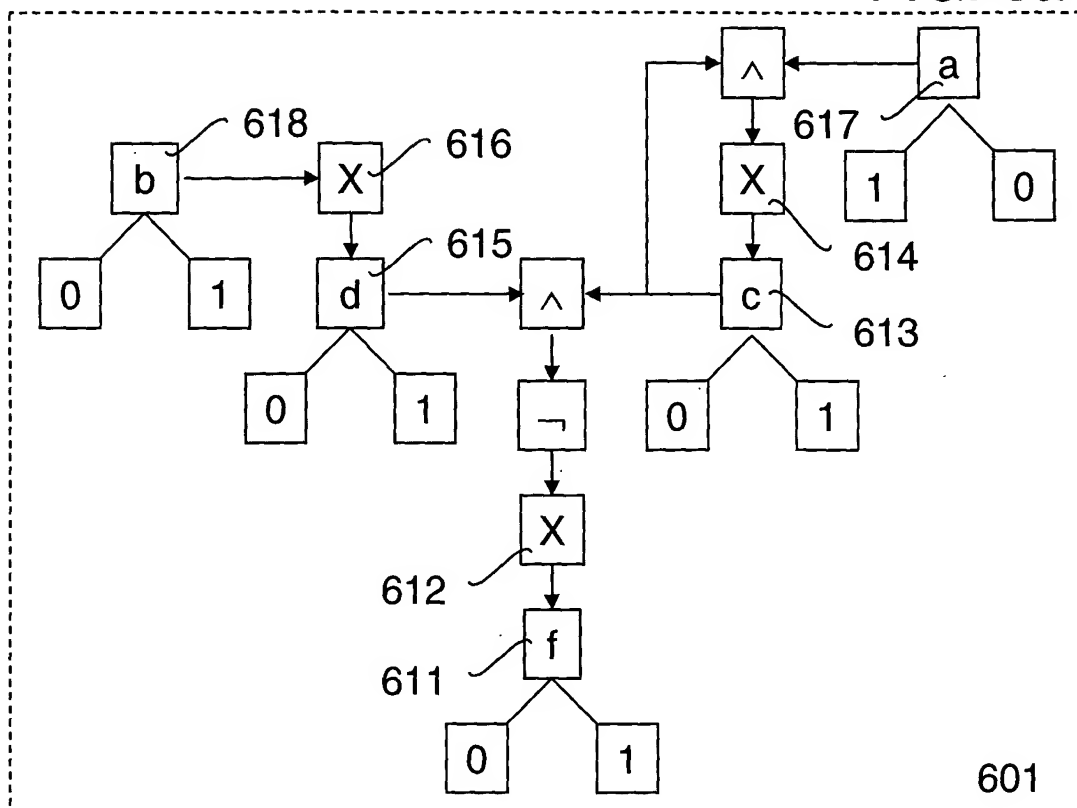


FIG. 6b

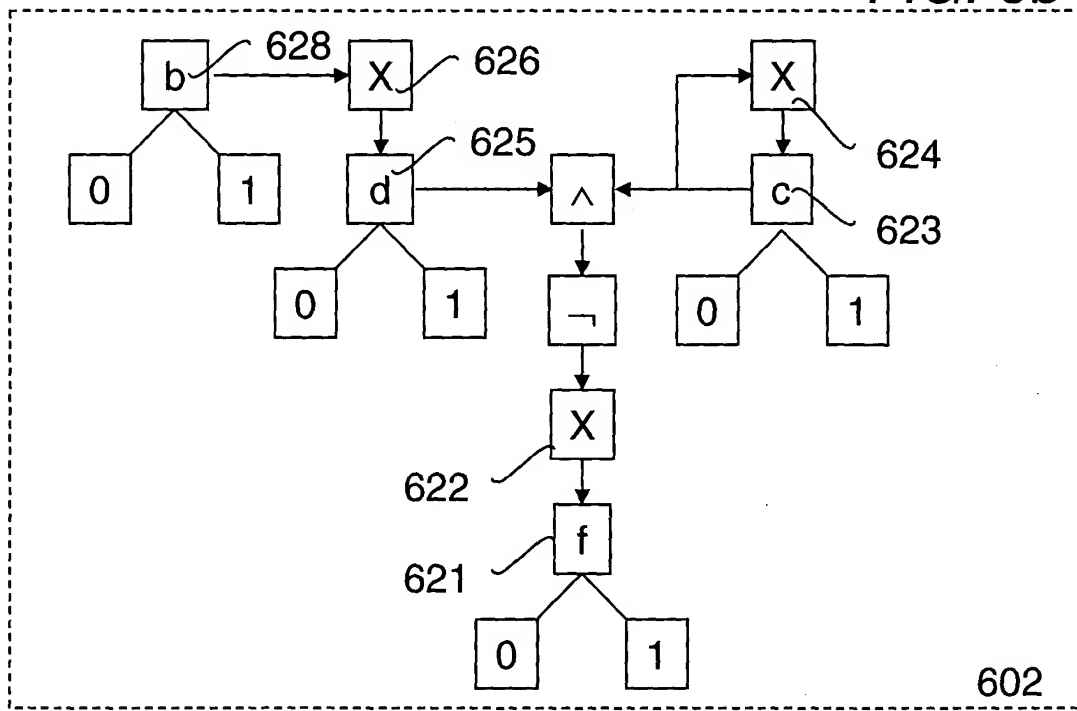


FIG. 6c

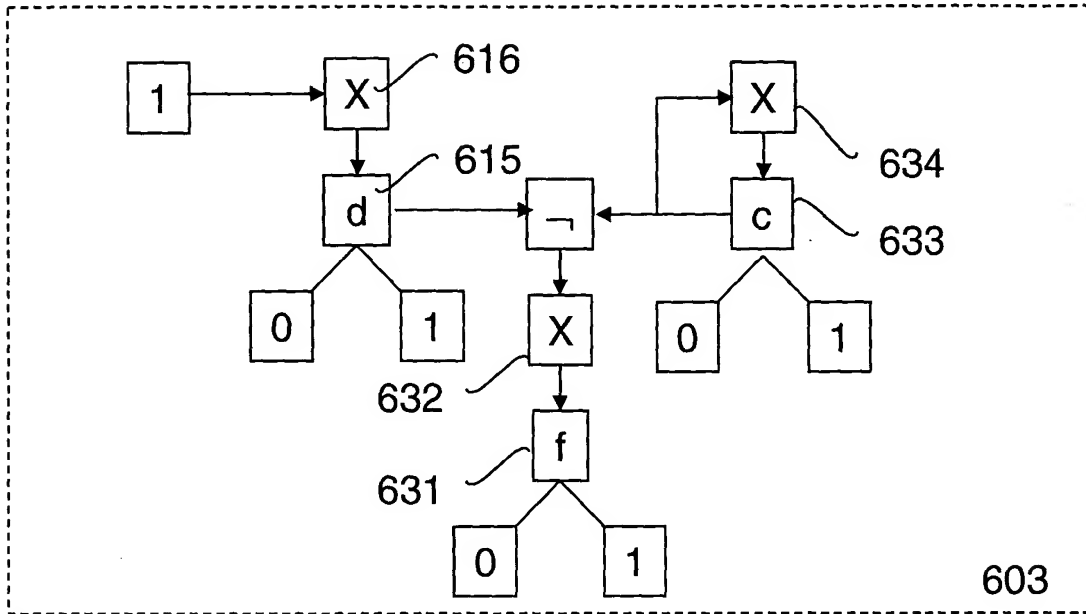


FIG. 6d

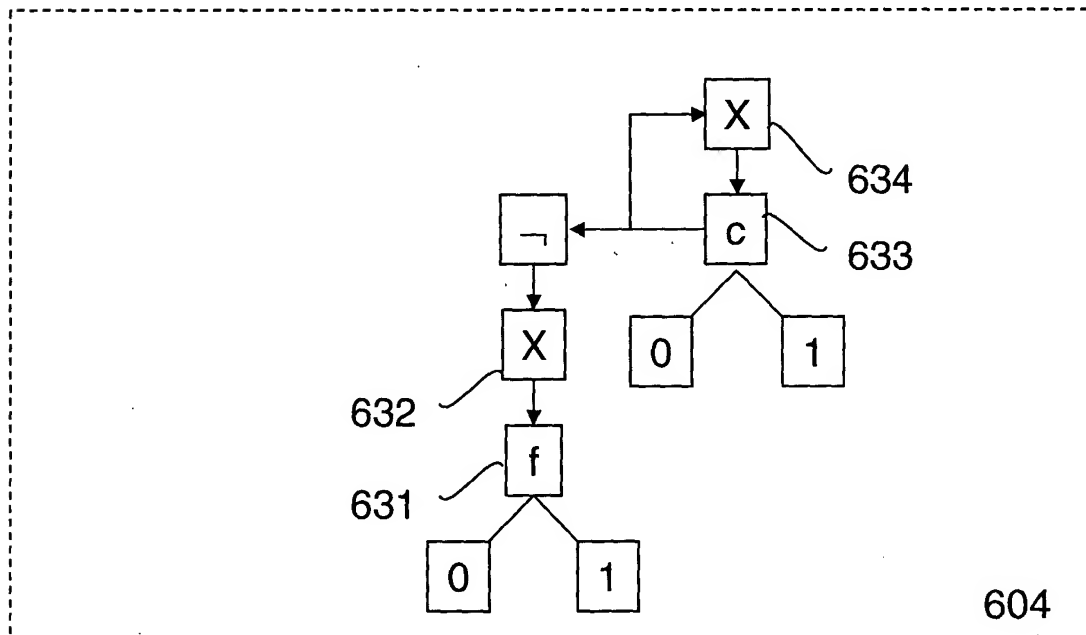


FIG. 7a

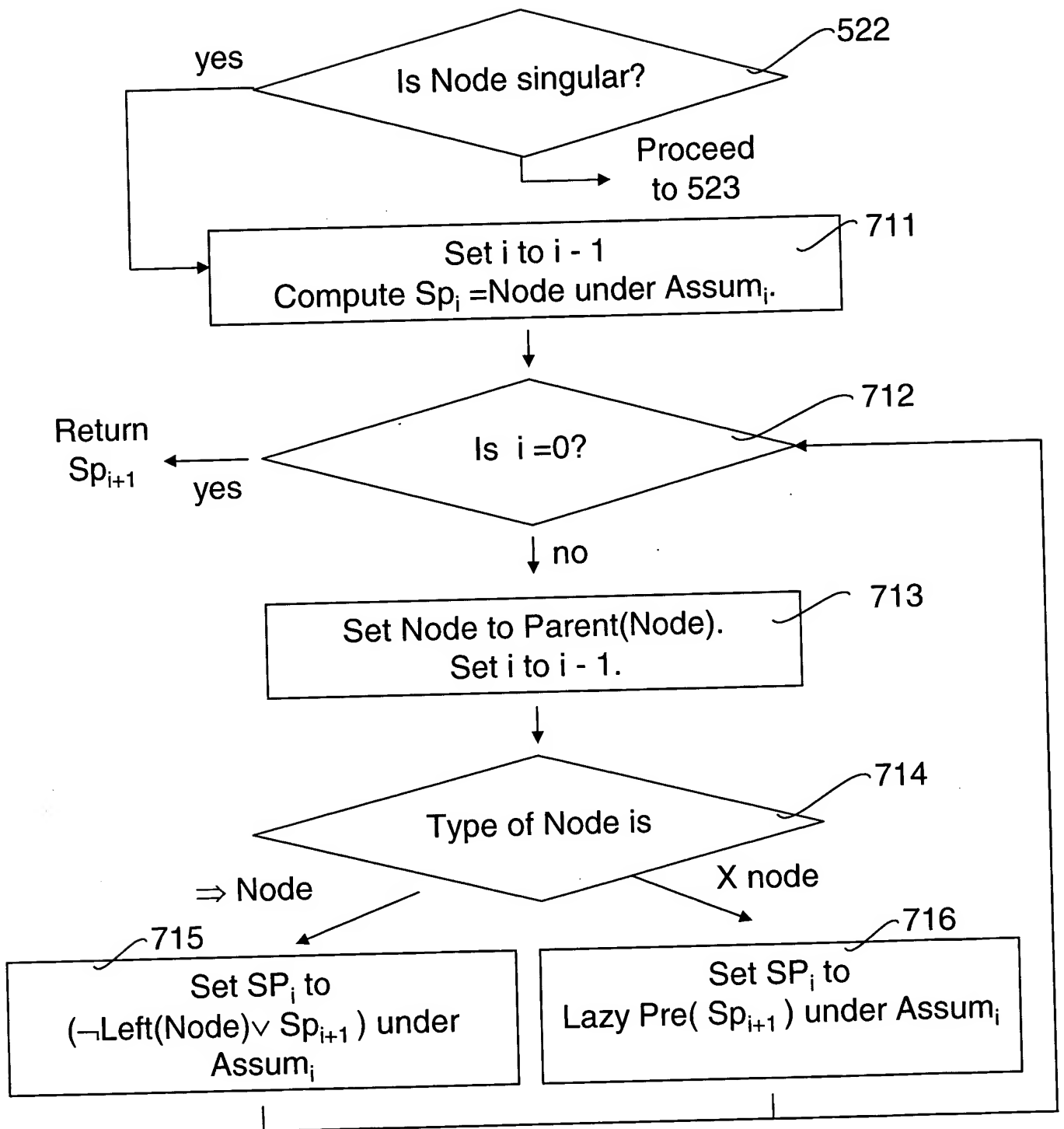


FIG. 7b

# of iteration	Assum	Reduced Transition Relation	Sub-property	State Predicate
4	1	[]	f	f 724
3	d	[N(f)= NOT c]	Xf	NOT c 723
2	a AND b	[N(c)= c]	X(Xf)	NOT c 722
1	a		$b \Rightarrow X(Xf)$	NOT b OR NOT c 721
0	1		$a \Rightarrow (b \Rightarrow X(Xf))$	NOT a OR NOT b OR NOT c 720

FIG. 8

